

Application No. 10/767,530

Amendment Date February 11, 2008; Reply to Office action of November 2, 2007

~~An adaptive dilation method receives an image and performs an adaptive background distance transform to create an adaptive background distance transform image. A threshold is applied to the adaptive background distance transform image to generate adaptive dilation image output. An adaptive erosion method receives an image and performs an adaptive foreground distance transform to create an adaptive foreground distance transform image. A threshold is applied to the adaptive foreground distance transform image to generate adaptive erosion image output.~~

### III. Disclosure

Please replace page 2 lines 49-51 with the following amended lines:

[page 2, lines 49-51]

The prior art ZOI method uses the same distance metric for all components. This is useful only for simple applications ~~where all~~ The prior art ZOI method uses the same distance metric for all components. This is useful only for simple applications where all

Please replace page 7 line 189 with the following amended line:

[page 7, lines 189]

the ~~fire~~ fire burning from one part of the border will meet the fire burning from another part